



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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Cathy Stepp, Secretary  
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NHAL Timber Sale Bid Mailing List:

Enclosed please find a Northern Highlands American Legion State Forest prospectus sheet and timber sale management maps for the upcoming bid opening. **Minimum total bid prices are listed for each sale. Advertised per unit prices do not need to be met. An acceptable bid must be equal to the total minimum bid price or higher. All species and products must be bid on or bids will be rejected.**

Also please notice the State Forest weight conversion rates on the back of this page. We want everyone to be aware of this information and know it will be applied to all pulpwood scales.

Included in this prospectus are descriptions of the individual timber sales, volumes and minimum total bid prices. Please note that there are **BIOMASS HARVESTING GUIDELINES**.

**Biomass harvest** is the removal of fine woody debris (fuel rods/tops of trees) and non-merchantable standing trees designated for cutting on harvest sites for fuel. It also prohibits harvest of down coarse woody debris already present on the ground. Whole tree harvest for paper chips does not qualify for the fuelwood price. If a sale is bid whole tree chip volume, then the 4" top of the tree and smaller will be charged at the pulpwood price. The fuelwood price is \$2.00/ton. The volume is approximately equal to the difference between 4" top cordage and whole tree volume. Fuelwood will be added to a contract if utilized. A sale will be noted on the prospectus if Biomass Harvest is approved for that sale. Otherwise, no biomass can be removed.

Successful purchasers of Northern Highland-American Legion State Forest stumpage will need to ensure that the actual logging contractor complies with the Wisconsin Sustainable Forestry Initiative (SFI) Training Standard as adopted by the Wisconsin SFI Implementation Committee (SIC). To qualify for state sales all loggers must meet certain criteria to be considered a "Qualified Logging or Resource Professional.

This will be required prior to starting sale (contract signing).

We also want to repeat our policy of required **pre-sale meetings** with the forester in charge of administration for each sale. The Forestry Headquarters needs to hear from you prior (a week is best) to moving onto sales for harvest and prior to site harvest set up of landings and wood roads.

If you have any questions or require additional copies, contact the office at 715-385-2727 ext 100 or visit our website at <http://dnr.wi.gov/topic/TimberSales/>

Sincerely,  
NORTHERN HIGHLAND AMERICAN LEGION STATE FOREST

Jeffrey Olsen,  
Forestry Supervisor, NHAL State Forest

Factors for mixed cordwood may be developed by weighted average of cruise estimates based on species volume distribution and/or ocular estimate.

### CORDWOOD WEIGHT CONVERSION FACTORS POUNDS PER CORD

Species	Weight (lbs.)	Weight (tons)
Hemlock	4800	2.400
Tamarack	4650	2.325
Red pine	4500	2.250
Jack pine	4250	2.125
Balsam	4250	2.125
White pine	4200	2.100
Spruce	4000	2.000
Cedar	3150	1.575
White oak	5850	2.925
Red oak	5500	2.750
Hickory	5400	2.700
Yellow birch	5350	2.675
Hard maple	5100	2.550
Beech	5050	2.525
Elm	5000	2.500
Balsam poplar	4900	2.450
White birch	4800	2.400
Cottonwood	4650	2.325
Ash	4600	2.300
Soft maple	4550	2.275
Aspen	4500	2.250
Basswood	3850	1.925
Locust	5300	2.650